

Kristen Chardo
Wheelabrator Saugus
100 Salem Turnpike
Saugus, MA 01906



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 106385
Client Identification: Storm Water / Plant | Q4 2011
Date Received: 12/22/2011

Dear Ms. Chardo:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

1-4-12
Date

4
of pages (excluding cover letter)

Client: **Wheelabrator Saugus**Client Designation: **Storm Water / Plant | Q4 2011****Temperature upon receipt (°C): 2.7****Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
106385.01	Q411-STW-1	12/22/11	12/21/11	aqueous		Adheres to Sample Acceptance Policy
106385.02	Q411-STW-2	12/22/11	12/21/11	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 106385

Client: **Wheelabrator Saugus**

Client Designation: **Storm Water / Plant | Q4 2011**

Sample ID: Q411-STW-1 Q411-STW-2

Lab Sample ID: 106385.01 106385.02

Matrix: aqueous aqueous

Date Sampled: 12/21/11 12/21/11

Date Received: 12/22/11 12/22/11

Iron 1.4 23

Analytical Matrix	Units	Date of Analysis	Method	Analyst
AqTot	mg/L	1/3/12	200.7	DS



QC REPORT

EAI ID#: 106385

Client: **Wheelabrator Saugus**Client Designation: **Storm Water / Plant | Q4 2011**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Iron	< 0.05	11 (97 %R)		mg/L	1/3/12	85 - 115	20	200.7

Parameter Name	MS/MSD Parent ID	MS/MSD Parent	Matrix Spike	MSD	Units	Date of Analysis	Limits	RPD	Method
Iron	106385.02	23	33 (84 %R)	33 (86 %R) (2 RPD)	mg/L	1/3/12	70-130	20	200.7

Samples were analyzed within holding times unless noted on the sample results page.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.

Exceptions to the above statements are flagged or noted above or on the QC Narrative page.

*! Flagged analyte recoveries deviated from the QA/QC limits.



eastern analytical, inc.

CHAIN-OF-CUSTODY RECORD

106385

4

professional laboratory services

Date/Time

Composites need start
and stop dates/times

Matrix

Parameters and Sample Notes

of containers

Storm Water

12.21.11

aqueous

AqToI/CPMets-Fe

2411 STW.1

1530

Grab or Comp

☐ Sampler confirms ID and parameters are accurate

Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MECH, Na₂S₂O₃, ICE

Dissolved Sample Field Filtered ☐

Storm Water

12.21.11

aqueous

AqToI/CPMets-Fe

2411 STW.2

1545

Grab or Comp

☐ Sampler confirms ID and parameters are accurate

Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MECH, Na₂S₂O₃, ICE

Dissolved Sample Field Filtered ☐

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID 3409

Project Name Storm Water / Plant | Q4 2011

State MA

Client (Pro Mgr) ~~Bodo-Fata~~ Kristen Chardo

Customer Wheelabrator Saugus

Address 100 Salem Turnpike

City Saugus MA 01906

Phone 781-233-7600

Fax 781-231-2793

EmailAddress: ~~foia~~@wrm.com

Kchardo

Reporting Options

- ☒ HC
☒ EDD PDF
☒ EDD email
☒ PDF prelin, NO FAX
☐ e-mail Login Confirmation
☐ NO FAX

PONumber: Credit App.

Quote No:

2.7

Temperature °C

Ice present Yes ☒ No ☐

Samples Collected by: KC

Relinquished by: FP

Date/Time

Relinquished by: FP

Date/Time

Received by: [Signature]

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